

IN THE CLAIMS

Please cancel claims 25-27, 30, 31, and 34-37 without prejudice or disclaimer thereof.

Please amend the claims as follows:

1. (Amended) A virtual image display apparatus comprising a real image display part for displaying an image, an image magnifying means for optically magnifying the image formed in the real image forming means so as to form a virtual image, and a light guide means for guiding light from the real image display part to the image magnifying means,

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said light guide means being formed in a triangular columnar shape having a substantially isosceles triangular cross-section, and having a first surface serving a light incident surface, a light emanating surface and a reflective surface, and a first internal reflecting surface and a second internal reflecting surface for reflecting light into the light guide means,

wherein emanating light from the real image display part is incident upon the light guide means through the first surface, and is then reflected by the first internal reflection surface and the second internal reflection surface, and thereafter, the

light emanates from the light guide means entering into the image magnifying means.

2. (Amended) A virtual image display apparatus comprising a real image display part for displaying an image, an image magnifying means for optically magnifying the image formed in the real image forming means so as to form a virtual image, and a light guide means for guiding light from the real image display part to the image magnifying means,

the light guide means being formed in a quadrate columnar shape having a substantially parallelogram sectional shape and having a first internal reflecting surface and a fourth internal reflecting surface for reflecting light into the light guide means, a second internal reflecting surface serving as a light incident surface and a reflecting surface and a third internal reflecting surface serving as a light emanating surface and a reflecting surface,

wherein emanating light from the real image part is incident upon the light guide means through the second internal reflecting surface, is successively reflected at the first internal reflecting surface, at the second internal reflecting surface, at

the third internal reflecting surface and the fourth internal reflecting surface, and thereafter emanates from the third internal reflecting surface and entering into the image magnifying means.

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7. (Amended) An electronic equipment comprising a transducing means for transducing at least one of a data signal and a voice signal into a transmission signal, or transducing a receiving signal into at least one of a data signal and a voice signal, an antenna for transmitting and receiving the transmission signal and the receiving signal, a speaker for transducing the voice signal transduced by the transducing means into voice, and a microphone for transducing the voice signal into an electric signal, and a virtual image display apparatus as set forth in claim 1 or 2.

8. (Amended) An electronic equipment characterized by further comprising a transducing means for transducing at least either one of a data signal and a voice signal into a transmission signal, or transducing a received signal into at least one of a data signal or a voice signal, an antenna for

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transmitting or receiving the transmission signal and the received signal, a speaker for transducing a voice signal transduced by the transducing means, into a voice, a microphone for transducing a voice signal into an electric signal, the virtual image displaying means for displaying a data signal transduced by the transducing means, as set forth in claim 1 or 2, a control means for controlling several elements, and a display means different from the virtual image displaying means.

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13. (Amended) An electronic equipment comprising a transducing means for transducing at least one of a data signal and a voice signal into a transmission signal, or transducing a receiving signal into at least one of a data signal and a voice signal, an antenna for transmitting and receiving the transmission signal and the receiving signal, a speaker for transducing the voice signal transduced by the transducing means into voice, a microphone for transducing the voice signal into an electric signal, a virtual image display apparatus as set forth in claim 9, and a control means for controlling these parts.

14. (Amended) A virtual image display apparatus comprising a real image display part for displaying an image, an image magnifying means for optically magnifying the image formed in the real image forming means so as to form a virtual image, and a light guide means for guiding light from the real image display part to the image magnifying means,

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said light guide means being formed in a triangular columnar shape having a substantially isosceles triangular cross-section, and having a first surface serving as a light incident surface, a light emanating surface and a reflective surface, and a first internal reflecting surface and a second internal reflecting surface for reflecting light into the light guide means,

wherein emanating light from the real image display part is incident upon the light guide means through the first surface, and is then reflected by the first internal reflection surface and the second internal reflection surface, and thereafter, the light emanating from the light guide means into the image magnifying means,

and wherein a spatial operating distance is less than about 100 mm, and an optical path length extending from the center of the image display part to an eye point is larger than a value

which is three times as large as the thickness of the light guide means.

15. (Amended) A virtual image display apparatus comprising a real image display part for displaying an image, an image magnifying means for optically magnifying the image formed in the real image forming means so as to form a virtual image, and a light guide means for guiding light from the real image display part to the image magnifying means,

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the light guide means being formed in a quadrate columnar shape having a substantially parallelogram sectional shape and having a first internal reflecting surface and a fourth internal reflecting surface for reflecting light into the light guide means, a second internal reflecting surface serving as a light incident surface and a reflecting surface and a third internal reflecting surface serving as a light emanating surface and a reflecting surface,

wherein emanating light from the ream image part is incident upon the light guide means through the second internal reflecting surface, is successively reflected at the first internal reflecting surface, at the second internal reflecting surface, at

the third internal reflecting surface and the fourth internal reflecting surface, and is thereafter emanating from the third internal reflecting surface into the image magnifying means, and wherein a spatial operating distance is less than about 100 mm, and an optical path length extending from the center of the image display part to an eye point is larger than a value which is three times as large as the thickness of the light guide means.

16. (Amended) A virtual image display apparatus comprising a real image display part for displaying an image, an image magnifying means for optically magnifying the image formed in the real image forming means so as to form a virtual image, and a light guide means for guiding light from the real image display part to the image magnifying means,

said light guide means comprising a first prism, a second prism and a second image magnifying means interposed between the first prism and the second prism,

said first prism being formed in a triangular columnar shape having a right triangle section and having a long side used as a first internal surface, a short side used as an emanating

surface, and a slope side used as an emanating surface and a second internal reflecting surface,

said second prism being formed in a triangular columnar shape having a long side used as a fourth internal reflecting surface, a short side used as an incident surface and a slope side used as an incident surface and a third internal reflecting surface,

emanating light from the real image display part is incident upon the incident surface of the first prism, is reflected at the first internal surface and then at the second internal reflecting surface, and emanates from the emanating surface, then is incident upon the second optical prism by way of the second image magnifying means, then is reflected at the third reflecting surface and the fourth reflecting surface, and emanates from the emanating surface and enters into the image magnifying means.

18. (Amended) A virtual image display apparatus as set forth in any one of claims 14 to 16, wherein an optical distance between the real image display means and the image magnifying means is variable.

19. (Amended) A virtual image display apparatus as set forth in any one of claims 14 to 16, wherein an optical distance between the real image display means and the image magnifying means is variable, and the optical axis of the image magnifying means is tiltable with respect to the emanating optical axis of the light guide means.

20. (Amended) A virtual image display apparatus as set forth in any one of claims 14 to 16, wherein there is provided a light shielding means for covering at least a part of the real image display part.

21. (Amended) A virtual display apparatus as set forth in any one of claims 14 to 16, wherein there is provided a heat shielding means for covering at least a part of the real image display part.

22. (Amended) A virtual image display apparatus as set forth in claim 14, wherein said first surface is formed as a total reflection surface based upon the Snell's law.

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24. (Amended) A virtual image display apparatus as set forth in any one of claims 14 to 16, wherein said magnifying means is an optical member provided adjacent to the emanating surface of the light guide means in a noncontact manner and has a positive refractive power.

Claim Canceled.
26. (Amended) A virtual image display apparatus as set forth in any one of claims 14 to 16, wherein a space is defined between the real image display part and the light guide means.

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28. (Amended) A virtual image display apparatus as set forth in any one of claims 14 to 16, wherein a light shielding means is provided a part of the surface of the light guide means.

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29. (Amended) A virtual image display apparatus as set forth in claim any one of claims 14 to 16, wherein there is provided a support member for supporting the light guide means, and the support member has a light absorbing ability.

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32. (Amended) An electronic equipment comprising a transducing means for transducing at least one of a data signal

and a voice signal into a transmission signal, or transducing a receiving signal into at least one of a data signal and a voice signal, an antenna for transmitting and receiving the transmission signal and the receiving signal, a speaker for transducing the voice signal transduced by the transducing means into voice, and a microphone for transducing the voice signal into an electric signal, a virtual image display apparatus as set forth in any one of claims 14 to 16, and a control means for controlling the several parts.

36
33. (Amended) An electronic equipment characterized by comprising a transducing means for transducing at least either one of a data signal and a voice signal into a transmission signal, or transducing a received signal into at least one of a data signal or a voice signal, an antenna for transmitting or receiving the transmission signal and the received signal, a speaker for transducing a voice signal transduced by the transducing means, into a voice, a microphone for transducing a voice signal into an electric signal, the virtual image displaying means for displaying a data signal transduced by the transducing means, as set forth in any one of claims 14 to 16, a

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control means for controlling several elements, and a display means different from the virtual image displaying means.

Please add new claim 38 as follows:

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--38. An electronic equipment characterized by comprising a transducing means for transducing at least either one of a data signal and a voice signal into a transmission signal, or transducing a received signal into at least one of a data signal or a voice signal, an antenna for transmitting or receiving the transmission signal and the received signal, a speaker for transducing a voice signal transduced by the transducing means, into a voice, a microphone for transducing a voice signal into an electric signal, the virtual image displaying means for displaying a data signal transduced by the transducing means, as set forth in claim 9, a control means for controlling several elements, and a display means different from the virtual image displaying means.--
